INTERNATIONAL SEARCH REPORT

In tional application No. PCT/JP03/15722

A. CLASSIFICATION OF SUBJECT MATTER			
Int.Cl ⁷ G01R31/28			
According to	o International Patent Classification (IPC) or to both na	tional classification and IPC	
	S SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ G01R31/28-3193, 31/02, 1/06-073			
INC.C1 GUIRSI/20 3133/ 31/02/ 1/00 0/3			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
х	EP 1182460 A2 (TOKYO ELECTRO		1-8
<u> </u>	27 February, 2002 (27.02.02), Par. Nos. [0033], [0042]; Fig		
	& JP 2002-139542 A		
A	JP 10-010200 A (Hitachi, Ltd.), 1-8		
^	16 January, 1998 (16.01.98),		
	Par. No. [0035]; Fig. 1		
	(Family: none)		
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Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
		"T" later document published after the inte	
conside	considered to be of particular relevance understand the principle or theory un		derlying the invention
date	document but published on or after the international filing	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be	
special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other		considered to involve an inventive ste combined with one or more other such	h documents, such
•	ent published prior to the international filing date but later	"&" combination being obvious to a person document member of the same patent	
than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report			
03 February, 2004 (03.02.04) 17 February, 200			
		Authorized officer	
Japanese Patent Office			
Facsimile No.		Telephone No.	